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JUL 14 2006

Atty. Docket No. SPO200512-0108US (OG03-034)

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :

Sang Woo NAM et al. : GROUP ART UNIT: 1745

APPLICATION NO: 10/761,500 :

FILED: January 20, 2004 : EXAMINER:

FOR: Method and Appartatus for Manufacturing Semiconductor Devices

I hereby certify that this document is being facsimile transmitted to the USPTO or deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 14, 2006

By: 
Jennie Heaton**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56 AND 1.97-98**

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
ALEXANDRIA, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached form(s) for the Examiner's consideration. One copy of each of the listed documents, other than any U.S. patents, U.S. patent publications and/or pending U.S. applications, is submitted herewith.

This Information Disclosure Statement is being filed:

- ☒ concurrently with the application, within three months of the filing date of the application, or before the mailing date of a first Office Action on the merits;
- ☐ before the mailing of a first Office Action after the filing of a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114; or
- ☐ more than three months from the filing date of this application or after the mailing date of the first Office Action on the merits, but before the mailing date of the first to occur of either: (1) a final action under 37 C.F.R. § 1.113; (2) a Notice of Allowance under 37 C.F.R. § 1.311; or (3) an action that otherwise closes prosecution in the application.

Atty. Docket No. SPO200512-0108US (OG03-034)
Application No: 10/761,500

Therefore:

- ☒ No Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.
- ☐ The fee under 37 C.F.R. § 1.17(p) accompanies this submission.

Statement under 37 C.F.R. § 1.97(c) (if applicable):

- ☐ Each item of information in the accompanying list(s) was first cited in communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ No item of information in the accompanying list(s) was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained herein was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Nothing in this Information Disclosure Statement or its submission shall be construed as an admission against interest in any manner, including as an admission or representation regarding: (i) the completeness of the list of information, (ii) the status of any listed information or document as prior art, (iii) any search that may or may not have been made, (iv) the pertinence or relevance of any listed information to this application, (v) the possible or actual materiality of the listed information to the patentability of the claims of this application, or (vi) the existence or nonexistence of other (potentially) material information. Applicant does not waive any right to take any action that would appropriate to antedate or otherwise remove any listed information or document as a competent or available reference against the claims of the present application.

Respectfully submitted,



Andrew D. Fortney, Ph.D.
Reg. No. 34,600

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Fresno, California 93711
(559) 432-6847

PTC/SB/004 (07-05)

Approved for use through 07/31/2008, OMB 0651-0031

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/761,500
Filing Date	January 20, 2004
First Named Inventor	Sang Woo NAM et al.
Art Unit	1745
Examiner Name	
Attorney Docket Number	SPC200512-0108US (OG03-034)

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
	BA	KR 2003-0049121	06-25-2003	HYNIX Semiconductor Inc.		

Examiner Signature		Date Considered	
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*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.10 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.67 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/761,500		
		Filing Date	January 20, 2004		
		First Named Inventor	Sang Woo NAM et al.		
		Art Unit	1745		
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	SPO200512-0108US (OG03-034)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	GI Jun OH; Cleaning Solution and Method for Cleaning Metal Layer Using the Same; Korean Patent Abstract; Publication No. 1020030049121A; Publication Date: June 25, 2003; Korean Intellectual Property Office	
	CB	Office Action dated March 10, 2006 from Chinese Patent Office for Chinese Patent Application No. 2004100080823, titled: "Method and Apparatus for Manufacturing Semiconductor Devices"; 3 Pages	
	CC	English translation of Office Action dated March 10, 2006 from the Chinese Patent Office for Chinese Patent Application No. 2004100080823, titled: "Method and Apparatus for Manufacturing Semiconductor Devices"; 11 Pages	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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ANDREW D. FORTNEY, Ph.D.

ALEC B. PLUMB*
*REGISTERED PATENT AGENT

ATTN: **MAIL STOP AMENDMENT**

COMPANY: **COMMISSIONER FOR PATENTS / P.O. BOX 1450, ALEXANDRIA VA 22313-1450**

FAX: **1 (571) 273-8300**

DATE: **07-14-2006**

TIME: **3:00 PM**

☐ WITH CONFIRMATION
☒ WITHOUT CONFIRMATION

RE: **APPLICATION No. 10/761,500**
FILED: January 20, 2004

I hereby certify that this document and all documents listed below are being transmitted via facsimile to
Commissioner for Patents, fax no. (571) 273-8300, on July 14, 2006.

By: Jennie Heaton
Jennie Heaton

SUBMITTED HERewith FOR THE ABOVE-CAPTIONED APPLICATION:

- Transmittal Form
- Information Disclosure Statement (2 Pgs.)
- Form PTO/SB/08A
- Form PTO/SB/08B
- Cited References (4)

Respectfully submitted,



Andrew D. Fortney, Ph.D.; Reg. No. 34,600

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

31

Application Number

10/761,500

Filing Date

January 20, 2004

First Named Inventor

Sang Woo NAM et al.

Art Unit

1745

Examiner Name

Attorney Docket Number

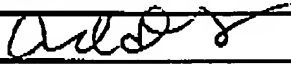
SPO200512-0108US (OG03-034)

ENCLOSURES


(Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	- Fax Transmittal Cover Sheet
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	- Form PTO/SB/08A
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	- Form PTO/SB/08B
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	- Cited References (4)
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks _____	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The Law Offices of Andrew D. Fortney, Ph.D., P.C.		
Signature			
Printed name	Andrew D. Fortney, Ph.D., P.C.		
Date	07-14-2008	Reg. No.	34,600

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Signature			
Typed or printed name	Jennie Heaton	Date	07-14-2008

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